PATENT COOPERATION TREATY

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Date of mailing (day/month/year) 06 April 1999 (06.04.99)	in its capacity as elected Office
International application No. PCT/US98/14091	Applicant's or agent's file reference CM1519Q/VJ
International filing date (day/month/year) 08 July 1998 (08.07.98)	Priority date (day/month/year) 08 July 1997 (08.07.97)
Applicant ISELE, Olaf, Erik, Alexander et al	
The designated Office is hereby notified of its election mad X in the demand filed with the International Preliminar	·
in the demand filed with the International Preliminal 04 January 19	
in a notice effecting later election filed with the Inter	
2. The election X was was was not made before the expiration of 19 months from the priority	date or, where Rule 32 applies, within the time limit under
Rule 32.2(b).	

Authorized officer

+ + - + - - No - 141 221 228 83 38

Sean Taylor

The International Bureau of WIPO

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09/446550

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		of Transmittal of International Search Report (20) as well as, where applicable, item 5 below.
CM1519Q/VJ International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/US 98/14091	08/07/1998	08/07/1997
Applicant		
THE PROCTER & GAMBLE CO	MDANV at al	
THE PROCIET & GARDLE CO	DIFANT Et al.	
	been prepared by this International Searching Aut ng transmitted to the International Bureau.	nority and is transmitted to the applicant
This International Search Report con X It is also accompanied by a	sists of a total of sheets. copy of each prior art document cited in this report	
1. Certain claims were found	d unsearchable (see Box I).	
2. Unity of invention is lacki	ng(see Box II).	
	n contains disclosure of a nucleotide and/or amin rried out on the basis of the sequence listing	o acid sequence listing and the
	filed with the international application.	
	furnished by the applicant separately from the inte	rnational application,
	but not accompanied by a statement to the matter going beyond the disclosure in the	
	Transcribed by this Authority	
4. With regard to the title, χ	the text is approved as submitted by the applicant	
	the text has been established by this Authority to re	ead as follows:
	•	
5. With regard to the abstract,		
X	the text is approved as submitted by the applicant	
	the text has been established, according to Rule 3 Box III. The applicant may, within one month from Search Report, submit comments to this Authority	the date of mailing of this International
6. The figure of the drawings to be	published with the abstract is:	
Figure No1X	as suggested by the applicant.	None of the figures.
	because the applicant failed to suggest a figure.	
	because this figure better characterizes the invent	ion.

A. CLASSIFICATION OF SUBJECT MATTER IPC 6 A61F13/15

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61F IPC 6

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

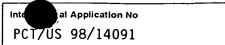
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 4 341 216 A (OBENOUR MARY C) 27 July 1982 see column 1, line 61 - column 2, line 10;	1,2,5, 14,15
Α	figures see column 5, line 5 - line 8 see column 8, line 61 - column 9, line 22 see column 8, line 9 - line 13; examples	3,11
X	US 4 713 069 A (WANG KENNETH Y ET AL) 15 December 1987 see column 8, line 37 - line 39; claims 1,9,13,14; figures	1-6,11
Α	see column 8, line 49 - line 50 see column 8, line 61 - line 63 see column 9, line 3 - line 17 see column 10, line 10 - line 15	7,12-14
	-/	

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publicationdate of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of theinternational search 12 October 1998	Date of mailing of the international search report $21/10/1998$
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Mirza, A

lation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
WO 97 00056 A (PROCTER & GAMBLE) 3 January 1997 see page 8, line 7 - line 19; figures 3,4	1,2,11, 12,14 16,17
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WO 91 12125 A (CLOPAY CORP) 22 August 1991 see page 22, line 2 - page 23, line 17; claims 1,4	16,19
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	WO 97 00056 A (PROCTER & GAMBLE) 3 January 1997 See page 8, line 7 - line 19; figures 3,4 See page 9, line 16 - line 26; claim 1 US 5 571 096 A (DOBRIN GEORGE C ET AL) 5 November 1996 See column 6, line 30 - line 44; claims 1,2,14; figures See column 9, line 43 - column 10, line 58 WO 90 04375 A (MCNEIL PPC INC) 3 May 1990 See page 8, line 8 - page 9, line 29; claims 4,17; figure 1 GB 2 171 915 A (PROCTER & GAMBLE) 10 September 1986 See page 2, line 64 - line 101; claims 1,9,10 GB 2 290 052 A (KIMBERLY CLARK CO) 13 December 1995 See page 9, line 32 - page 11, line 23 GB 2 295 322 A (KIMBERLY CLARK CO) 29 May 1996 See page 8, line 4 - line 7; claims 1,6,7,11,24,25 See page 7, line 14 - line 24 GB 2 296 216 A (KIMBERLY CLARK CO) 26 June 1996 See page 8, line 13 - line 32; claims 7,10,12-15,17 WO 91 12125 A (CLOPAY CORP) 22 August 1991 See page 22, line 2 - page 23, line 17; claims 1,4 US 4 806 300 A (WALTON RICHARD R ET AL) 21 February 1989 See column 2, line 37 - column 3, line 5; claim 1; figures See page 20 See page 20 See page 20 See page 3 See column 2, line 37 - column 3, line 5; claim 1; figures See Page 20 See page 20 See page 20 See page 23, line 37 - column 3, line 5; claim 1; figures See Page 20 Se

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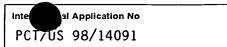
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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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A61F 13/15

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(30) Priority Data:

97111501.9 8 July 19

8 July 1997 (08.07.97) EP

(71) Applicant (for all designated States except US): THE PROC-TER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

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- (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

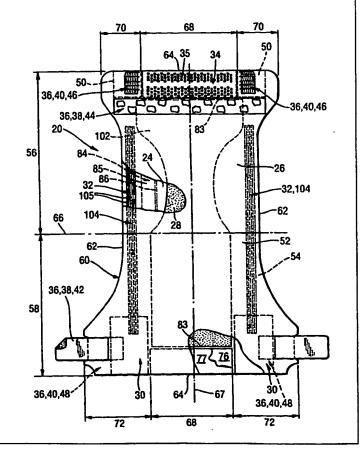
Published

With international search report.

(54) Title: DISPOSABLE ABSORBENT ARTICLES WITH CLOTHLIKE FEEL BACKSHEET HAVING ZONED BREATHABILITY AND PROCESS FOR MAKING SUCH BACKSHEETS

(57) Abstract

A disposable absorbent article comprising a breathable polymeric film at least partially combined with a fibrous material to a laminated for being used as backsheet material with zones having different breathability.



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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

19

(PCT Article 36 and Rule 70)

Applicant's o	or age	nt's file reference	500 SUDTUED ACTIO		ation of Transmittal of Interna	
CM15190)/VJ		FOR FURTHER ACTIO	N Preliminary	Examination Report (Form P	C1/IPEA/416)
Internationa	appli	cation No.	International filing date (day/month/year) Priority date (day/month/year)			ar)
PCT/US9	8/14	091	08/07/1998 08/07/1997			
Internationa A61F13/1		nt Classification (IPC) or na	ational classification and IPC			
Applicant					·	
THE PRO	CTE	R & GAMBLE COMP	ANY et al.		<u> </u>	
and is	trans	smitted to the applicant			rnational Preliminary Exa	mining Authority
2. This F	REPO	RT consists of a total of	f 9 sheets, including this cov	er sheet.		
b (s	een a ee R	mended and are the ba	ed by ANNEXES, i.e. sheets of size of this report and/or sheets of the Administrative Instruction of the Instruction of t	ets containing re	ctifications made before t	which have his Authority
3. This r	eport	contains indications rel	ating to the following items:			
1	☒	Basis of the report				
II		Priority				
111		Non-establishment of	opinion with regard to novelty	y, inventive step	and industrial applicability	У
IV		Lack of unity of invent				
V	⊠	Reasoned statement uncitations and explanat	under Article 35(2) with regar ions suporting such statemen	d to novelty, invent	entive step or industrial ap	oplicability;
VI		Certain documents ci				
VII	\boxtimes	Certain defects in the	international application			
VIII	Ø	Certain observations of	on the international applicatio	on		
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Tel. (+49-89) 2399-0 Tx: 523656 epmu d				AND PORTO PARE		

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US98/14091

I. 1	Bas	is c	f ti	h r	е	po	rt
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1. This report has been drawn on the basis of (substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.): Description, pages: as originally filed 1-19 Claims, No.: 02/07/1999 with letter of 01/07/1999 as received on 1-20 Drawings, sheets: 1/3-3/3 as originally filed 2. The amendments have resulted in the cancellation of: ☐ the description, pages: ☐ the claims, Nos.: sheets: ☐ the drawings, 3. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

4. Additional observations, if necessary:

- V. R as ned statement und r Articl 35(2) with regard to nov ity, inv ntiv step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N)

Yes:

Claims 5 - 9, 11 - 19

No:

Claims 1 - 4, 10, 20

Inventive step (IS)

Yes:

Claims 15 - 19

No:

Claims 1 - 14, 20

Industrial applicability (IA)

Yes:

Claims 1 - 20

No: Claims

2. Citations and explanations

see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet

Concerning Section VIII

1) The application does not meet the requirements of Article 6 PCT because Claims 1, 3, 4, 20 are not clear and precise and not supported by the description.

In claim 1 the basis for "and further comprising a fibrous layer positioned towards the outer side of the article during its intended use" should be on page 10 line 19 - 21. However, in this passage the feature is not mandatory. Hence, the description should be amended to be in consistency with the claim.

In claim 1 the feature "and wherein said polymeric film layer comprises a polymeric matrix and particulate filler material embedded in said matrix" does not appear to be clear and complete. This feature is understood to encompass also the ruptures which are made in the film layer in order to arrive at a certain microporosity in order to have a vapour or gas permeable film. Therefore, these ruptures should be present in the backsheet material according to claim 1 otherwise an essential feature is missing. This is supported by the definition of the process claim 15 where a permanent deformation and different vapour and gas permeability is considered as an essential technical feature. Therefore, claims 1 and 15 are not in consistency.

In claim 20 a material is claimed for use as a backsheet material in absorbent articles made by a process according to any of claims 15 to 19. However, it is not clear, how such a product can be differentiated from an article made by another process. Therefore, the requirements of Article 6 PCT are not fulfilled.

- 2) The amendments filed with the letter dated 1.7.99 introduce subject-matter which extends beyond the content of the application as filed, contrary to Article 34(2)(b) PCT. The amendments concerned are the following:
- I) In claim 1 the basis for "at least one polymeric film layer is a unitary layer extending both into the core backsheet material and the chassis backsheet material" should be on page 3 line 1 to 4. However, this paragraph is worded that "at least one polymeric film layer of the core backsheet and the chassis backsheet is unitary over both regions". Therefore,

EXAMINATION REPORT - SEPARATE SHEET

this wording should have been chosen.

- ii) The subject-matter of claims 3 and 4 refers to the MVTR in the core region. However, in claims 3 and 4 as originally filed reference was made to "the backsheet material in the core region". Therefore, this term should have been chosen.
- iii) The subject-matter of claim 15 is considered to be identical to the subject-matter of claim 16 as originally filed. However the wording "a laminate for being used in a product" has been in the claim as originally filed "a laminate for being used as a backsheet in a product". Therefore, the scope would be extended by the amended wording and the Applicant should reinsert the missing term "as a backsheet" into claim 15.

Concerning Section V:

The present application satisfies the criterion set forth in Article 33 PCT because the subject-matter of Claim 1, 2, 3, 4, 10 and 20 is not new in respect of prior art as defined in the regulations (Rule 64(1)-(3) PCT) and claims 1 to 10 do not involve an inventive step.

US-A-4,713,069 (D2) which is considered to represent the most pertinent state of the art, with respect to claim 1 discloses a baffle suitable for use in a feminine pad or napkin having zoned water vapour permeability. Reference to microporous films in the laminate is made. However, according to the description on column 10 lines 16 ff in D2, the term microporous is not used in the same sense as it has been used in the prior art. Furthermore, there is a reference to fillers as additives into the polyvinylalcohol (column 13 line 63), however, no particular reference to particulate fillers is disclosed.

D2 refers to the water vapour permeability being equal to or higher in the front and rear zone than in the central zone (see column 8 lines 4 - 39).

Thus, the subject-matter claimed in D2 and the present application is worded identical even if it shall not be the same. However, for the moment being the wording has to be taken as such and thus, D2 discloses all subject-matter of claim 1 and thus, the subject-matter of claim 1 is not novel.

EXAMINATION REPORT - SEPARATE SHEET

Independent claim 20 refers to a material for use as a backsheet material and in the characterising portion no particulate filler material embedded in the matrix of the polymer film layer is mentioned. Thus, document D2 discloses all subject-matter of claim 20 and hence, the subject-matter of claim 20 is not novel.

Other prior art documents:

US-A-5,571,096 (D4) discloses a backsheet formed of a laminate of one liquid impervious vapour permeable film 26 (column 6 line 35 to 65). The backsheet apertured zones 80 are defined by an aperture density of up to 10,000 apertures per square inch (column 8 line 20 -26). Such a number of apertures can only be obtained if the apertures are very very small and thus the term "microapertures" would also be justified. It is not disclosed how this porosity is made, however, the article appears to be the same as claimed for in claim 1.

Document US-A-4,341,216 (D1) discloses an absorbent article with a backsheet which is a combination of two elements, an inner panel which can be constructed from any liquid impermeable material and an outer sheet which is provided with regions which are impermeable and with regions which are vapour pervious but relatively liquid impervious. However, no reference to a polymeric film layer comprising a polymeric matrix and particulate filler material is disclosed.

WO-A- 97/00056 (D3) discloses a backsheet formed of the inner layer 110 and the outer layer 112 which can be laminated together (page 9 fourth paragraph). The film material of the inner layer can be vapour permeable (page 8 second paragraph). The feature that the core backsheet material and the chassis backsheet material exhibit different degrees of breathability is also given by the fact, that, according to page 10 first paragraph "the outer layer is positioned within the central region and extends from at least the rear waist region to the front waist region. Preferably, the outer layer forms a portion of the end edge in the rear and front waist region."

Thus, the difference between D3 and the present application is the fact that the polymeric film layer comprises a polymeric matrix and particulate filler material embedded in said matrix. D3 is silent to the polymeric matrix having an embedded particulate filler material. Therefore, it is not clear, whether this subject-matter is fulfilled by D3 or not.

WO-A-90/04375 (D5) discloses a backsheet formed of a backing layer with an associated moisture-impervious barrier means which has a surface area less than the surface area of said backing layer. No indication to microapertures is present, however, on page 8 line 14 and page 9 line 9, the moisture pervious and breathable material is disclosed. Such the nature of the apertures can only be in the way of micropores, otherwise the material would be liquid-permeable.

GB-A-2,171,915 (D6) discloses a backsheet formed of an outer layer and a barrier layer. The barrier layer is substantially longitudinally coterminous with the absorbent article and is of a relatively smaller transverse width (claim 1) and thus there will be different degree of breathability in the core backsheet and the chassis backsheet material. The film layer can be any one known in the art and therefore, no limitation to the use of available materials is given.

Inventive step

Document D2 is not clear to the extent that the filler is particulate. Thus, if there should be any difference to document D2 than it is that the filler material is particulate. However, this is well-known in the art and cannot involve an inventive step.

In the description on page 9 it is disclosed that conventional examples for moisture vapour permeable films are so called microporous films which can be provided commercially. (page 9 line 10 - 20). It is also disclosed in the following that these films are formed by embedding filler particles into the matrix and subsequent mechanical treatment. Examples of commercially available films are given (page 9 lines 22 - 35).

Furthermore, it is stated on page 10 line 19 to 21 that such films are often combined with fibrous webs, such as non-wovens, which will be positioned towards the outer side of the article.

Hence, all the features which now establish the subject-matter of the characterising part of claim 1 are explicitly disclosed as being obvious in the art. The question what shall be the invention of the present application can perhaps be solved by the description on page 11

second paragraph. There it is stated that a key element of the present invention is to combine the film and the fibrous material into a composite before the film is "activated" to become breathable.

Therefore, it is suggested to claim this subject-matter as done in claim 15. Since the scope of protection of such a process claim is considered to cover all products directly obtained by such a process, claims 15 to 20 would cover the scope of the invention.

For claims 1 to 14 it is not clear how such absorbent articles differ from articles made by another process, for example from D2 or D4. Therefore, claims 1 to 14 should have been deleted.

Dependent claims 2 to 14 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step, the reasons being as follows:

The subject-matter of claim 2 is known from D2, see column 8 line 44 to 66.

The subject-matter of claims 3 and 4 is known from D2, see column 8 line 21 to 23.

The subject-matter of claims 5 and 6 appears to be obvious from the disclosure of D2. When the areas of the baffle on each side of the central zone shall have a higher water vapour permeability relative to that of the central zone, the difference should always be remarkable. Otherwise the action does not make sense. Therefore, a difference of 20 % or of 500 g/24 h/m² appears to be the minimal difference. And thus an inventive step cannot be seen in this minimal difference.

The subject-matter of claim 7 refers to the filler material and appears to be well-known in the art.

The subject-matter of claims 8 and 9 refers to the basis weight of the material and is well-known in the art.

The subject-matter of claim 10 refers to the fibrous layer being a non-woven web which is known from document D2, see column 7 line 45/46.

The subject-matter of claims 11 to 13 refers to the method by which the laminate is formed. All methods mentioned are well-known in the art.

The subject-matter of claim 14 refers to the nature of the article and such articles are well-known for the intended use of a backsheet.

Concerning Section VII:

To meet the requirements of Rule 5.1(a)(ii) PCT, the documents D1 to D6 should have been identified in the description and the relevant background art disclosed therein should have been briefly discussed.

Reference signs in parentheses should have been inserted in the claims to increase their intelligibility, Rule 6.2(b) PCT. This applies to both the preamble and characterising portion.

The US Patent Application Serial numbers should have been changed to the publication numbers.

The references to documents being incorporated by reference should be deleted. If it is felt that the disclosure of these documents is necessary for an understanding of the present invention appropriate expressis verbis description should be introduced.

A. CLASSIFICATION OF SUBJECT MATTER IPC 6 A61F13/15

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUN	MENTS CONSID	ERED TO B	E RELEVANT

Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
US 4 341 216 A (OBENOUR MARY C) 27 July 1982 see column 1, line 61 - column 2, line 10;	1,2,5, 14,15
figures see column 5, line 5 - line 8 see column 8, line 61 - column 9, line 22	3,11
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X Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.			
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family			
Date of the actual completion of the international search 12 October 1998	Date of mailing of the international search report 21/10/1998			
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Mirza, A			

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
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	see column 9, line 43 - column 10, line 58	2
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	GB 2 171 915 A (PROCTER & GAMBLE) 10 September 1986 see page 2, line 64 - line 101; claims 1,9,10	1
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	GB 2 296 216 A (KIMBERLY CLARK CO) 26 June 1996 see page 5, line 15 - line 16; examples see page 8, line 13 - line 32; claims 7,10,12-15,17	3,4, 13-15
	WO 91 12125 A (CLOPAY CORP) 22 August 1991 see page 22, line 2 - page 23, line 17; claims 1,4	16,19
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WHAT IS CLAIMED IS:

- Absorbent article comprising
 an absorbent core defining a core region ;
- a chassis region surrounding said core region; said absorbent core being interposed between a backsheet, which is impermeable to liquids, and a topsheet, which is permeable to liquids;
- said backsheet extending over the core region and at least parts of the chassis region,

said backsheet further comprising a fibrous layer at least in the core region;

characterised in that

the backsheet comprises film or film-like layer which is permeable to vapours or gases which is a unitary layer extending both into the core region and at least into parts of the chassis region, whereby the backsheet has a higher MVTR value in these parts of the chassis region, which comprise said film or film-like layer, than the backsheet in the core region, which comprise said film or film-like layer and the fibrous layer.

- An absorbent article according to claim 1, wherein said film or filmlike layer is wider than said fibrous layer.
- 25 3. Absorbent article according to claim 1 or 2 further characterised in that the backsheet material in the core region has an MVTR of at least 500 g/24hr/m2.
- 4. Absorbent article according to claim 3 further characterised in that the backsheet material in the core region has a MVTR of at least 1500 g/24hr/m2.

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- 5. Absorbent article according to any of claims 1 to 4 further characterised in that the MVTR values of the backsheet in the chassis region are at least 20% higher than the MVTR values of the backsheet in the cor region.
- Absorbent article according to any of claims 1 to 4 further characterised in that the MVTR values of the backsheet in the chassis region are at least 500 g/24hr/m2 higher than the MVTR values of the backsheet in the core region.
 - Absorbent article according to any of the preceding claims, whereby
- said film or film-like layer comprises a polymeric matrix and particulate filler material embedded in said matrix.
 - 8. An absorbent article according to claim 7, whereby the filler material is calcium carbonate.
 - An absorbent article according to any of the preceding claims, whereby said film or film-like layer in the chassis region has a basis weight of less than 50 gsm.
- 25 10. An absorbent article according to any of the preceding claims, whereby said backsheet has a basis weight of less than 70 gsm where it comprises said film or film-like layer and said fibrous layer.
- 11. An absorbent article according to any of the preceding claims, whereby said fibrous layer is a non-woven web.
 - 12. An absorbent article according to any of the preceding claims, whereby the film or film-like layer and the fibrous layer are combined by heat or melt bonding.

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- 13. An absorbent article according to any of the preceding claims, whereby the film or film-like layer and the fibrous layer are combined by extrusion coating.
- An absorbent article according to any of the preceding claims, whereby the film or film-like layer and the fibrous layer are combined by adhesive.
- 15. Absorbent article according to any of the preceding claims,whereby the article is a baby diaper or an adult incontinence article.
 - 16. A process for inducing zoned vapour or gas permeability into a laminate for being used as a backsheet in a product according to any of the preceding claims, comprising the steps of
- providing a polymeric film comprising particulate filler embedded in the polymeric matrix;
 - providing a fibrous web which has equal width or is narrower than the film in cross-machine direction;
 - combining the film and the web to form a laminate;
- stretching the laminated and the non-laminated film zones by feeding the film and laminate zones between a pair of opposed pressure applicators comprising three-dimensional surfaces which are complementary to one another; and
 - subjecting the portions of said web located between said opposed pressure applicators to incremental cross dimensional elongation by causing said opposed threedimensional surfaces of said pressure applicators mesh with one another,
 - whereby said laminated and non-laminated film zones are at least partially permanently deformed and different vapour gas permeability is induced in various zones thereof.
 - 17. A process according to claim 16 whereby the fibrous web is narrower than the polymeric film in CD direction.

- 18. A process according to claim 16 or 17, further comprising the step of heat treating the web after having subjected the web to said incremental CD elongation step.
- 5 19. A process according to any of claims 16 to18, whereby the intermeshing between the two pressure applicator rolls is essentially constant throughout the width of the laminated and non-laminated zones.
- 10 20. A process according to claim 16, whereby the intermeshing between the two pressure applicators is different throughout various zones.